

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A flexible printed circuit film for connecting external circuits, comprising:

an L-shaped body;

a first pad provided at one end of the body to be adhesively connected to a pad of a first printed circuit board;

a second pad provided at an end of the body opposite the one end ~~other end~~ of the body to be engaged to a connector of a second printed circuit board and electrically connected to the first pad; and

at least one force absorbing edge recess defined in the body that absorbs a force transferred from the second pad, the force applied to engage the second pad to the connector.

2. (Currently Amended) The flexible printed circuit film according to claim 1, wherein a recess of the at least one force absorbing edge recesses ~~the recess~~ is defined in the body in a region adjacent to the second pad.

3. (Currently Amended) The flexible printed circuit film according to claim 2, wherein a recess of the at least one force absorbing edge recesses ~~the recess~~ is defined in at least two side surfaces of the body in the region adjacent to the second pad.

4. (Currently Amended) The flexible printed circuit film according to claim 1, at least one of the at least one force absorbing edge ~~recess~~ recesses is located at an inner corner of the body.

5. (Currently Amended) The flexible printed circuit film according to claim 4, the body having at least two side surfaces wherein a recess of the at least one force absorbing edge recesses ~~recess~~ is defined at each of the at least two side surfaces in a region adjacent to the inner corner of the body.

6. (Currently Amended) The flexible printed circuit film according to claim 4, wherein a first force absorbing edge recess is defined at the inner corner and said at least one force absorbing edge recess is defined in the body in a region adjacent to the second pad.

7. (Canceled)
8. (Original) The flexible printed circuit film of claim 1, wherein the at least one recess has a substantially concave shape.
9. (Original) The flexible printed circuit film of claim 1, wherein the at least one recess has a substantially curved shape.
10. (Currently Amended) A flexible printed circuit film for connecting external circuits, comprising:
 - an L-shaped body having a first portion and a second portion, the first portion intersecting the second portion to form a corner portion, the corner portion having an inner vertex and an outer vertex;
 - a first pad connected at an end of the first portion;
 - a second pad ~~connected~~ at an end of the second portion away from inner vertex and the outer vertex and electrically connected to the first pad, wherein the second pad is to engage a connector to connect to circuit external to the body; and
 - a first force absorbing recess in the body that absorbs a force transferred from the second pad, the first force applied to engage the second pad to the connector.
11. (Original) The flexible printed circuit film of claim 10, wherein the first recess has a substantially concave shape.
12. (Original) The flexible printed circuit film of claim 10, wherein the first recess has a substantially curved shape.
13. (Original) The flexible printed circuit film of claim 10, wherein the first portion is substantially perpendicular to the second portion.
14. (Original) The flexible printed circuit film of claim 10, wherein the first recess is at the inner vertex of the corner portion.

15. (Original) The flexible printed circuit film of claim 14, further comprising a second recess in a region of the second portion of the body, the region being between the outer vertex of the corner portion and the second pad.

16. (Original) The flexible printed circuit film of claim 15, wherein the second recess has a substantially concave shape.

17. (Original) The flexible printed circuit film of claim 15, wherein the second recess has a substantially curved shape.

18. (Original) The flexible printed circuit film of claim 10, wherein the first recess is at a region between the inner vertex and the second pad.

19. (Original) The flexible printed circuit film of claim 18, further comprising a second recess in a region of the second portion of the body, the region being between the outer vertex of the corner portion and the second pad.

20. (Original) The flexible printed circuit film of claim 19, wherein the second recess has a substantially concave shape.

21. (Original) The flexible printed circuit film of claim 19, wherein the second recess has a substantially curved shape.

22. (Previously Presented) The flexible printed circuit film according to claim 4, wherein the body having at least two side surfaces wherein the at least one recess is defined at a region adjacent to the bent portion.

23. (Currently Amended) The flexible printed circuit film according to claim [[1]] 8, wherein the concave shape is greater than a semicircle.

24. (Currently Amended) The flexible printed circuit film according to claim [[1]] 8, wherein the concave shape has a shape of an incomplete circle.

25. (Currently Amended) The flexible printed circuit film according to claim 1, wherein the at least one force absorbing edge recess includes a cutout portion.

26. (Previously Presented) The flexible printed circuit film according to claim 10, wherein the first recess includes a cutout portion.

27. (Previously Presented) The flexible printed circuit film according to claim 11, wherein the concave shape is greater than a semicircle.

28. (Previously Presented) The flexible printed circuit film according to claim 11, wherein the concave shape has a shape of an incomplete circle.

29. (Previously Presented) The flexible printed circuit film according to claim 16, wherein the concave shape is greater than a semicircle.

30. (Previously Presented) The flexible printed circuit film according to claim 16, wherein the concave shape has a shape of an incomplete circle.

31. (Previously Presented) The flexible printed circuit film according to claim 20, wherein the concave shape is greater than a semicircle.

32. (Previously Presented) The flexible printed circuit film according to claim 20, wherein the concave shape has a shape of an incomplete circle.

33. (Previously Presented) The flexible printed circuit film according to claim 18, wherein the second recess has a substantially curved shape.

34. (Currently Amended) A printed circuit film for connecting external circuits comprising:

an L-shaped body having a first portion and a second portion;
a first pad connected to the first portion;
a second pad connected to the second portion and electrically connected to the first pad;
and
at least one force absorbing recess portion in the body that absorbs a force transferred from the second pad, the force applied to engage the second pad to an external circuit.

35. (Currently Amended) The printed circuit film according to claim 34, wherein the at least one force absorbing recess portion includes a cutout portion.